SESSION DEVELOPMENT GUIDE

The Session Development Guide will give you information on writing learning objectives, creating instructional strategies, and developing mechanisms to assess learning according to activity type.

DEVELOPING LEARNING OBJECTIVES ACCORDING TO ACTIVITY TYPE

Knowledge-Based Activity		Application-Based Activity			
Designed primarily for participants to acquire factual knowledge.		Designed primarily for participants to apply the information learned in the allotted timeframe.			
KNOWLEDGE	**COMPREHENSION**	**APPLICATION**	**ANALYSIS**	**SYNTHESIS**	**EVALUATION**
• Cite • Define • Describe • Identify • Label • List • Match • Name • Order • Select • State	• Describe • Discuss • Estimate • Give example(s) • Identify • Select • Summarize	• Apply • Assign • Change • Choose • Interpret • Modify • Predict • Solve • Use	• Adjust (as in dose modification) • Analyze • Apply • Calculate • Categorize • Choose • Compare • Contrast • Differentiate • Identify • Interpret • Prioritize • Select	• Categorize • Combine • Compose • Construct • Create • Counsel (a patient-Tell) • Design • Develop • Plan • Recommend (Tell) • Summarize	• Assess • Choose • Compare • Conclude • Contrast • Counsel • Critique • Estimate • Evaluate • Explain • Justify • Interpret • Rate • Predict • Select • Summarize • Rank • Rate • Recommend • Validate
Learning Objective Examples: **Summarize** how to perform effective distribution and non-distribution activities in the operating room. **List** ways clinical surveillance systems can provide cost savings. **Describe** leadership strategies, tactics, and critical thinking skills needed in complex environments.		**Learning Objective Examples:** **Recommend** strategies for solving cases involving how to perform effective distribution and non-distribution activities in the operating room. Using a set of criteria, **evaluate** ways in which clinical surveillance systems can provide cost savings in your institution. **Develop** a personal action plan for recognizing and applying leadership strategies, tactics, and critical thinking skills needed in complex environments.			

MATCHING ACTIVE LEARNING STRATEGIES TO ACTIVITY TYPE

Active Learning Strategies	Knowledge-Based Activity	Application-Based Activity
Polling questions	✔	✔
Games and quizzes to practice recall	✔	✔
Demonstration		✔
Example with practice		✔
Interactive case study		✔
Interactive scenario		✔
Roleplay		✔
Simulation		✔
Think – pair - share	✔	✔
Think – write -share	✔	✔
Application Exercises		✔
Practice Exercises		✔

ASSESSMENT OF LEARNING AND ASSESSMENT FEEDBACK

	Knowledge-Based Activity	Application-Based Activity
Assessment of Learning	Must include assessment questions structured to determine the recall of facts based on the learning objectives. Techniques can be informal such as audience response systems, color cards, or the raising of hands.	Must include case studies structured to address the application of the principles learned based on the learning objectives.
Assessment of Feedback	Feedback may include the correct response to questions. For incorrect responses, communicate that a question was answered incorrectly and provide rationale for the correct response.	Feedback may include the correct evaluation of case studies. When responses are incorrect, explain the rationale for the correct responses.

Active Learning Strategy: (options)

• Polling questions	• Role play
• Games and quizzes to practice recall	• Simulation
• Demonstration	• Think – pair – share
• Examples with practice	• Think – write – share
• Interactive Case Study	• Application Exercises
• Interactive Scenario	• Practice Exercises